GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2580
ANSWERED ON:05.12.2000
ANTI RABIES VACCINES
UMMAREDDY VENKATESWARLU

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the Government have initiated any research to develop the anti-rabies and cholera vaccines;

(b) if so, the name of research institute which have under taken the said research;

(c) the time by which these vaccines are likely to be ready;

(d) whether the Government propose to market these vaccines; and

(e) if so, the details thereof; and

(f) the details of the vaccines which are under development at present ?

Answer

MINISTER OF STATE IN THE MINISTRY OF SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a) : Yes,Sir. The Government has initiated the development of DNA vaccine to control rabies in dogs.By utilizing biotechnological tools, a new cholera vaccine for use in humans is in phase-II clinical trial.

(b) : For rabies vaccine, Indian Institute of Science, Bangalore; National Institute of Nutrition, Hyderabad and M/s. Indiar Immunologicals, Hyderabad are involved. Institute of Microbial Technology, Chandigarh, National Institute of Cholera and Enteric Diseases, Calcutta, Indian Institute of Chemical Biology, Calcutta, Sanjay Gandhi Postgraduate Institute of Medical Education anc Research, Lucknow and Postgraduate Institute of Medical Education and Research, Chandigarh are working on Cholera vaccine.

(c), (d) & (e): It is expected that all the studies relating to DNA vaccine to control rabies will be over by December, 2000. By next year this vaccine is likely to be available in the market. The Indian Immunologicals, Hyderabad will bring this product in the market. Negotiations with industry for Cholera vaccine have been started.

(f): Under the Jai Vigyan Science and Technology Mission, development of candidate vaccines for Japanese Encephalitis, Malaria, Tuberculosis, and HIV has been undertaken.